

The Commonwealth of Massachusetts

---

ANNUAL REPORT

OF

THE TRUSTEES

OF THE

STATE INFIRMARY

AT TEWKSBURY

FOR THE

YEAR ENDING NOVEMBER 30, 1933

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DEPARTMENT OF PUBLIC WELFARE



# The Commonwealth of Massachusetts

## OFFICERS OF THE STATE INFIRMARY

### TRUSTEES

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JAMES F. LAWLOR, M.D., *Senior Physician*.  
CARL NELSON, M.D., *Senior Physician*.  
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DOROTHY READ, M.D., *Assistant Physician*.  
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HENRY SPENCER GLIDDEN, M.D., *Assistant Physician*.  
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### TRUSTEES' REPORT

*To His Excellency the Governor, and the Honorable Council:*

The trustees of the State Infirmary herewith submit the eightieth annual report, for the year ending November 30, 1933.

On November 30, 1933, there were 3,097 inmates at the State Infirmary, this number comparing with 3,252 on November 30, 1932.

During the year ending November 30, 1933, the daily average number of patients was 3,069 as compared with 3,026 in the preceding year, an increase in the daily average of 43.

Under Chapter 174, Acts of 1933, there was appropriated for the State Infirmary the sum of \$925,100. In addition \$30,800.98 of the unspent balance of the 1932 appropriation for expenses was brought forward into 1933, making the total amount available for maintenance, \$955,900.98. This compares with \$1,052,263.98, the appropriation for the preceding year.

During the year there has been spent a total of \$912,342.68, which compares with \$994,406.74, in the preceding year, or a decrease in expenditures in the recent fiscal year of \$82,064.06. This decrease is 8.25 per cent.

As required by law, we have turned back into the State Treasury \$125,093.69 received for articles sold and for care of individual and municipal cases, leaving a net outlay of \$786,827.20. The net weekly per capita cost for the care of patients has been \$4.93.

The following is the amount expended during the fiscal year for Special Appropriations:

|  |             |
|--|-------------|
| Assistant Superintendent's House . . . . . | \$1,421 30  |
| Men's Dormitory . . . . .                  | 6,648 71    |
| Employees' Quarters . . . . .              | 3,563 66    |
| Boiler House Roof . . . . .                | 14,187 70   |
| Filter Beds . . . . .                      | 9,165 24    |
| Total . . . . .                            | \$34,986 61 |

There was appropriated under Chapter 174, Acts of 1933, the following Special Appropriations:

|                                 |             |
|---------------------------------|-------------|
| Boiler House Roof, etc. . . . . | \$4,000 00  |
| Filter Beds . . . . .           | 20,000 00   |
| Total . . . . .                 | \$24,000 00 |

Contract plans and specifications have been approved by the Emergency Public Works Commission for:

|   |              |
|---|--------------|
| Project C-2 New Boilers and Stack . . . . .   | \$48,000 00  |
| Project C-3 Structural changes for fire prevention and<br>sprinkler equipment . . . . . | \$138,000 00 |

The Commission have selected for further consideration:

|                                  |              |
|----------------------------------|--------------|
| Project C-6 Storehouse . . . . . | \$100,000 00 |
|----------------------------------|--------------|

Plans and specifications have been presented to the Commission for a new Domestic Building.

While the daily average number of patients in the Infirmary shows a slight increase over the previous year, as we anticipated, yet the decrease of one hundred fifty-five shown November 30th, as compared with the same date a year ago, is an encouraging sign. We hope it may be taken as an indication that fewer of our fellow citizens are forced to throw themselves upon the Commonwealth for support.

While work upon improvement and extension has continued, it will be necessary to keep steadily at work along these lines in order to maintain proper comfort according to modern conceptions, for our inmates. In judging the State Infirmary, critics should remember that ours is not a group of new modern buildings erected at one time with generous appropriations, but that starting as a small institution has been steadily added to, a portion at a time, over many years. Frequently when a new building was sought and sorely needed, we have been granted a meagre appropriation to fix up an old one. The most marked instance of this kind was when \$50,000 was spent to fix up the domestic building at a time when a new building was badly needed.

That the institution has been able to maintain its creditable appearance, and the inmates kept in comfort and for the most part contented, under these conditions reflects well deserved credit upon the Superintendent and his assistants. While the Infirmary is a community in itself, and the State's largest institution, we point to the low cost of maintenance as another evidence of careful handling of our large appropriation. Our Board will continue its best efforts to elevate the plane on which this institution is run.

Respectfully submitted,

G. FORREST MARTIN, M.D., *Chairman.*

NELLIE E. TALBOT, *Secretary.*  
DENNIS D. SULLIVAN.  
MARY E. COGAN.

ROBERT G. STONE.  
CHARLES A. CRONIN.  
PATRICK J. MEEHAN.

## SUPERINTENDENT'S REPORT

*To the Trustees of the State Infirmary:*

I have the honor of presenting to you the eightieth annual report of the State Infirmary for the year beginning December 1, 1932, and ending November 30, 1933.

The records for 1933 show that during the year 6,433 people have been cared for — 4,555 male and 1,878 female, 66 less than the previous year, and at the end of the fiscal year there were 3,097 people in the institution, 155 less than the previous year. The largest daily census was 3,356, February 17, 1933, and was the largest in our history, an increase of 104; the smallest daily census was 2,825, July 10, which is 36 more than last year. The daily average number of people was 3,069; 43 more than in 1932.

The number of births was 172, 92 male and 80 female, which is three more than the previous year. There were 501 deaths; 463 in the general hospital and 38 in the department for the insane — 363 male and 138 female, which is 3 less than the previous year.

The expenditure for maintenance was \$912,342.68. For salaries, \$442,157.28; general expenditures \$470,185.40. The weekly per capita cost was \$5.72.

The amount of \$125,093.69 was received for the support of city, town and United States cases cared for at the Infirmary, for articles sold, etc., which leaves a net cost of \$786,827.20 for maintenance of the institution for the year, and a net weekly per capita cost of \$4.93.

Under the heading of special appropriations, \$34,986.61 were expended as shown in detail in the financial report.

There were treated in the hospital wards, 6,185 cases — 4,568 male and 1,617 female. Of these 1,651 were discharged well, 699 improved, 870 not improved, 463 died, and 2,502 remained in the Infirmary. There were 56 cases of disease of the spinal cord; 437 of cardiac; 58 of mental disease; 25 of epilepsy; 115 of alcoholism; 5 of erysipelas; 290 cases of syphilis, an increase of 121; 252 gonococcus infection; 113 cases of cancer, a decrease of 12; 826 of arteriosclerosis; 362 of respiratory system, with 28 deaths; 346 of gastro-intestinal diseases, with 6 deaths; 249 of the puerperal state; 174 of early infancy with 3 deaths; 145 of the genito-urinary tract, 6 deaths; 235 of skin and cellular tissues; 148 of bones and joints; 332 of nervous system and organs of special sense, 6 deaths; 1,417 of the circulatory system, with 194 deaths; and 243 due to accident or external causes, with 12 deaths.

Among the 463 deaths there were 84 due to tuberculosis of the lungs; 61 to cancer; 71 to diseases of the heart; 121 to arteriosclerosis; 20 to pneumonia; 5 to chronic nephritis, 2 to enteritis; and 2 to spinal cord disorders.

There were but few cases of infectious diseases: 17 of influenza; 1 measles; 5 erysipelas.

In the men's hospital, relief from the over-crowded condition which existed was obtained by converting one of the wards on the main floor of the men's house into a convalescent ward, with a capacity of 69 beds, bringing the total number of hospital beds to 673, which is, however, inadequate to the midwinter demands. A total of 2,732 patients were admitted to the receiving ward in this department, for examination, classification and transfer to other wards.

During the year a total of 171 male major operations were performed, representing an increase of 44 over the total of 1932, and an increase of 79 over 1931. 110 minor operations were done.

The above operations include gastro-intestinal, 6; herniorrhaphy, 71; proctectomy, 2; suprapubic cystotomy, 6; appendectomy, 15; exploratory laparotomy, 2; orthopedic, 28; rib resection, 1; eye surgery, 15; hydrocele, 3; amputation thigh, 2; thyroidectomy, 2; blood transfusion, 3; diviated septum, 1; hemorrhoidectomy, 6; circumcision, 8; minor, 90; tonsillectomy and adenectomy, 21.

There were 28 orthopedic operations with very satisfactory results in each case. Braces and arch supports were supplied to 31 cases, 136 patients in all being seen in the orthopedic clinic, many of whom have been returned to the community to become self-supporting, after years of disability, for which we are grateful for the skill and advice of Dr. E. G. Bracket, the Orthopedic Surgeon.



Dr. Leahey, eye, ear and nose consultant, has visited the institution on an average of once a month, seeing a total of 112 cases with 16 operations and 75 refractions done.

The varicose vein injection clinic continues to produce satisfactory results. The average weekly attendance was 10 patients. This work has proved to be particularly effective in hastening the healing of ulcers, which in many cases have existed for years.

The number of male patients under treatment for venereal diseases has increased considerably; 115 patients with gonorrhea were treated, in comparison with 94 the previous year.

One hundred and thirty-five male cases of syphilis received anti-luetic treatment, which consisted of 16 intravenous injections of nearsphenamin followed by 16 injections of bismuth intramuscularly. This clinic has increased from 10 to 12, to an average of about 40 cases at present. No diagnosis of syphilis is made unless two positive blood reactions are obtained.

In the women's hospital there were a total of 807 admissions, and 861 discharged, including 114 deaths, with 1,017 remaining in the hospital.

In the maternity department there have been 207 cases with 172 deliveries, including 9 stillbirths, 2 Cesarean Sections, 2 miscarriages and 16 cases delivered with forceps.

In the venereal department for women, 140 cases of all types of syphilis received treatment. There were 137 cases of gonorrhea treated. Dr. Harold Leland of Lowell has been of great assistance as consultant to us in the genito-urinary work.

In the women's hospital, 87 major operations were performed including 31 appendectomies; 1 cholecystectomy; 13 salpingectomies; 9 uterine suspensions; 8 hysterectomies; 8 oophorectomies; 2 cholecystostomies; 4 orthopedic cases; 2 gastro-intestinal operations; 1 leg amputation; 4 perineorrhaphies; 3 operations for cervical atresia; 2 herniorrhaphies. In addition, there were 69 other operations including 25 tonsillectomies and adenectomies and 3 nasal operations. The remainder were operations of a varying nature.

A regular monthly consultation clinic has continued in the children's department under the direction of Dr. Maurice Briggs of Lynn, as consultant.

In the department for tuberculosis an increase is noted in the number of cases treated, there being 408 cases as compared with 397 last year, which include both pulmonary and non-pulmonary groups, classified as minimal, 33; moderately advanced, 118; and far advanced, 245. In the men's department, 324 cases were admitted, and in the women's department, 84. A total of 217 were discharged — 69 relieved; 66 not relieved; 82 died — 65 male and 17 female; 128 male and 41 female patients remaining in the institution at end of year.

In the non-pulmonary group which includes bovine and hilum types, there were 22 cases:

|   | Male | Female | Total |
|---|------|--------|-------|
| Meninges and central nervous system . . . . . | 1    | 1      | 0     |
| Intestines and peritoneum . . . . .           | 3    | 1      | 2     |
| Vertebral column . . . . .                    | 5    | 5      | 0     |
| Joints . . . . .                              | 8    | 7      | 1     |
| Skin . . . . .                                | 1    | 1      | 0     |
| Lymphatic system . . . . .                    | 2    | 2      | 0     |
| Genito-urinary system . . . . .               | 2    | 1      | 1     |

To the treatment of pulmonary tuberculosis which in former years consisted of rest, fresh air, and diet, has been added the use of artificial pneumothorax, with 91 treatments in all, for 12 patients.

Mercury vapor lamps and heliotherapy have also been used in the treatment of the non-pulmonary group.

The work of the x-ray department has shown a steady increase, and during the year a total of 955 patients have been studied.

The summary of the work done, is as follows:

|   |     |
|---|-----|
| X-rays of the chest . . . . .                                 | 540 |
| of which 360 were of patients from the tuberculosis hospital. |     |
| X-rays of bones . . . . .                                     | 320 |
| X-rays of gastro-intestinal series . . . . .                  | 70  |
| X-rays of gall-bladder with shadocol dye . . . . .            | 15  |
| Pyelograms with neo-iodex dye . . . . .                       | 10  |

Statistics for the department for the insane are for the 12 months beginning October 1, 1932, and ending September 30, 1933.

In accordance with the administrative policy, no patients were committed to this department; there were no admissions by transfer, and but one readmission.

There were 40 deaths in this department; 14 male and 26 female; 11 patients were discharged from the books; 4 male and 7 female; 1 man and 4 women were greatly improved, the remainder were unimproved.

There was an increase of 8 deaths over the preceding year, as would be expected from the advanced age of the patients in this department; degenerative conditions of the circulatory and renal systems were responsible for the vast majority — 25 deaths; tuberculosis of the lungs caused 5 deaths.

During the year, 47 patients of the general hospital department, 40 men and 7 women, were committed as insane, by the Lowell Court, to other State Hospitals. A great number of cases in the general hospital department were studied in reference to mental illness, and about 75 young women, many of these sexual delinquents, were given psychometric examinations. Twelve young delinquents were studied in the Lowell Court.

Patients in this department were entertained during the year by moving pictures, dances, picnics, plays put on by themselves assisted by others, sleigh rides, and special groups were taken on picnics to nearby pleasure grounds.

As in previous years, everything practicable has been done to keep as many as possible occupied, and as a result an average of 76 men and 219 women were kept at some form of productive work.

The summary of the work in the dental department includes the following:

Chair patients, 1,731; Plates, 130; Partial plates with clasps, 3; Plates repaired, 85; Amalgam fillings, 278; Cement fillings, 172; Porcelain fillings, 145; Extractions, 2,126; Prophylaxis, 303; Bridges, 5; Alveolar abscesses, 40.

Treatments: Pyorrhea, 39; Vincent's Angina, 25; Stomatitis, 36; Temporary stopping, 175; Post operative, 41.

The work accomplished by the pathological laboratory during the year, is summarized as follows:

#### *Pathological*

|  |       |
|--|-------|
| Necropsies . . . . .                   | 58    |
| Microscopic sections of same . . . . . | 1,172 |
| Surgical and biopsy sections . . . . . | 306   |
| Frozen sections . . . . .              | 30    |

#### *Bacteriological*

|   |       |
|---|-------|
| T. B. smears . . . . .  | 1,997 |
| Guinea pig inoculations for T. B. . . . .   | 57    |
| T. B. concentration tests . . . . .   | 10    |
| G. C. smears . . . . .  | 3,404 |
| Blood cultures . . . . .  | 25    |
| Diphtheria smears . . . . .   | 12    |
| Diphtheria cultures . . . . .   | 12    |
| Widal tests . . . . .   | 10    |
| Autogenous vaccines . . . . .   | 5     |
| Dark field examinations . . . . .   | 6     |
| Parasites in stool . . . . .  | 8     |
| Examination for B. Typhosus . . . . .   | 10    |
| Bacteriological examinations of exudates, transudates, milk, spinal fluid, etc. . . . . | 25    |

*Serological and Chemical*

|  |        |
|--|--------|
| Wassermann tests . . . . .             | 1,107  |
| Kahn tests . . . . .                   | 2,362  |
| Hinton tests . . . . .                 | 1,075  |
| Gold sols . . . . .                    | 65     |
| Urinanalyses . . . . .                 | 15,840 |
| Non protein nitrogen . . . . .         | 8      |
| Blood urea nitrogen . . . . .          | 51     |
| Blood sugar . . . . .                  | 738    |
| Gastric analyses . . . . .             | 12     |
| Occult blood (stools) . . . . .        | 105    |
| Phenolsulphonphthalein tests . . . . . | 40     |
| Mosenthal tests . . . . .              | 6      |
| Vanden Bergh tests . . . . .           | 6      |
| Spinal fluid chemistry . . . . .       | 34     |

*Miscellaneous*

|                                    |     |
|------------------------------------|-----|
| White blood counts . . . . .       | 493 |
| Red blood counts . . . . .         | 296 |
| Differential smears . . . . .      | 350 |
| Ascheim-Zondek tests . . . . .     | 12  |
| Spinal fluid cell counts . . . . . | 34  |
| Blood matching . . . . .           | 10  |

Throughout the year, the regular weekly clinical-pathological conferences have been held on Friday mornings. At these meetings a necropsy is performed followed usually by microprojector demonstrations of interesting surgical and post mortem tissues.

The courses in bacteriology and pathology were accorded the training school again, augmented by the use of the microprojector, and by actual laboratory experiments in the subjects of urinalysis.

During the month of August, Miss Pauline Meloy was added to the laboratory staff in the capacity of Histological Technician.

Close cooperation exists between the Department of Pathology of the Tufts College Medical School and our laboratory, in that Dr. Harold E. MacMahon, Professor of Pathology, officiates frequently in the capacity of consultant. In return we are able to be of assistance in the instruction of medical students by demonstrating some of our pathological cases to them.

The training school for nurses has extended its courses to meet the additional requirements of the State Board of Registration in Nursing.

On September 13, 1933, graduation exercises were held in the chapel for the class of 1933, with Dr. G. Forrest Martin, Chairman of the Board, presiding. The address to the nurses was given by Professor Herman H. Brase of the Teachers College, Lowell, Massachusetts. Diplomas were presented by Mrs. Charles R. Talbot, Secretary of the Board, to the following nurses: Grace Margaret Balanger, Lamberta Agnes Balcewicz, Louise Mildred DesLauriers, Anna Elizabeth Greenleaf, Dorothy Mary Madden, Catherine Mary Botti, Ethel Shannon Hammersley, Mary Eleen Conroy, Marion Leavitt Drew, Irene Florence Meister, Mary Dorothy Maguire, Kathryn Rita McQuillan, Edalia Sophia Rucinski, Evelyn Kathryn Story, Glenice Thompson, Agnes Julia Quinn, Ruth Agnes Evans, Alice Lillian Dell, Alice Genevieve Sullivan and Agnes Mary Connors.

A class of twenty students were admitted to the preliminary class on October 1, 1933; one left at the end of the first month. One hour extra has been added to class work, making a total of 6 hours daily, in the class room, except Sunday, their day off.

Entrance requirements to the training school have been raised so that students who have not taken the college preparatory course in high schools, are required to have the following credits: 2 units of natural science; 3 units of English; 2 units of mathematics and 1 unit of United States history and civics.

Ten medical books were added to the medical library.



On December 28, 1932, graduation exercises were held in the class room for attendants who had completed the one year course. Dr. Emily P. Howard, of Reading, formerly a member of the Staff of this hospital, gave the address and diplomas were presented by the Superintendent to the following graduates: Helen Beatrice Sager, Doris Smith, Mary Jean Nolan, Anna May Smith, Jane Roy Barker, Olive Bland, Hannah Elizabeth Shaw, Mary Rose Sarmento, Isabel Healey, Evelyn Marie Murray, Grace Rose Shapcott, Gertrude Maude Dawson, Lillian Rita O'Neil.

On January 1, 1933, a class of 18 attendants were admitted.

Number of hours of class room work for attendants, 90.

Mrs. Madeline Dillon resigned as head nurse in the men's hospital on June 1, 1933, to accept an important position at Letchworth Village School for the feeble minded at Theills, N. Y., and Miss Helen Kerivan was transferred from Belcher II to fill the vacancy. Miss Louise O'Connell, a former graduate, and a post graduate of the Waltham Hospital, was appointed as head nurse in Belcher II.

On November 30, there were in the female nursing department a total of 187 employees, as follows: registered nurses, 32; graduate nurse (not registered) 1; hydrotherapist, 1; students on duty, 35; students at Lowell General Hospital, 2; preliminary students, 19; graduate attendants, 24; attendants in training, 16; regular attendants, 57. To the above should be added 2 graduate male nurses and 65 male supervisors and attendants, making a total of 254 employed in ward service.

In the occupational therapy department there are four trained workers, all graduates of the Boston School of Occupational Therapy. There has been one change in the personnel of the department, Miss Mary M. Junkin filled the vacancy caused by the resignation of Miss Doris Hillard, who worked with the mental patients.

The average number of patients treated monthly in the central workshop for men was 33; in the men's hospital, 31; in the women's hospital, 30, and in the workshop for mental patients, 20.

The craft work among the women consists of weaving, hooking, knitting, crocheting, and various types of needle work. The men are occupied with weaving, hooking, braid-weave and oriental rug making, basketry, carpentry, wood-carving, and painting. All finished work is used within the institution.

The activities of the industrial department show a substantial increase and among the larger items are the following: Bed spreads, 150 dozen; pillows, 877; overalls, 24 dozen; rope mats, 35; shirting, 7,085 yards; toweling, 21,165 yards; bath robes, 57 dozen; laundry bags, 190 dozen; mattresses, 841; shoes, 660 pairs; pillow slips, 739 dozen; sheets, 844 dozen; towels, 2,440 dozen; women's aprons, 287 dozen; women's dresses, 247 dozen. Articles repaired include: 2,820 pairs shoes; 69 dozen bath robes; 614 books; 123 chairs; 622 dozen dresses; 47 dozen doctors' gowns; 221 mattresses; 499 dozen overalls; 48 pillows; 540 dozen shirts; 931 dozen stockings, and 885 dozen underwear.

A gain in the amount of farm produce is shown, which includes the following items: beef and veal, 18,148 lbs.; poultry, 11,000 lbs.; pork, 75,176 lbs.; milk, 1,300,000 lbs.; eggs, 19,600 dozen; ensilage and fodder, 840 tons; green feed, 260 tons; alfalfa and hay, 485 tons; apples, 150,000 lbs.; and smaller fruit, 18,000 lbs.; potatoes and other root crops, 6,450 bushels; squash, 5,500 lbs.; sweet corn, 38,800 lbs.; cabbages and cauliflower, 102,400 lbs.; and other green vegetables, 92,000 lbs.

The dairy herd comprised of 213 head of accredited Holstein stock consisting of 120 cows, 40 heifers, 48 calves and 5 bulls, has shown a satisfactory gain; 109 milking cows have produced an average of 12,602 lbs. of milk, with a butter fat per cent of 3.45, and for the seventh year we have been placed on the honor roll by the National Dairy Association. With the addition of two bulls that were obtained from the Massachusetts State College, Amherst, we look forward to still better results. Twenty-two of the cows have given between 15,000 and 21,000 lbs. of milk, each, during the year, one producing 21,219 lbs. of milk.

Considerable improvement has been made in the roads about the institution, although very much remains to be done.



Under the heading of repairs and improvements are included innumerable items in all parts of the institution, of which some of the more important installations follow: a new Portland electric freight elevator, an American collar ironer electrically driven; 11 A. C. motors replacing D. C. motors; new collar dampener; 3 new electric ironing boards; 8 radiators; new shaft and bronze gear in elevator at laundry. Two new stairways from asylum basement; 300 feet of copper tubing for hot water service at Stonecroft; new dish washing machine at West Ward; relining fire boxes to bread baking ovens; cleaned and installed new grates; new brine pump in milk room; iron table for dish-washing machine at the domestic building; boiler tubes on boilers No. 4, 5, rolled and seam calked; built iron platform and stairway in front of new boilers, and an iron stairway from boilers to tunnel; completed change to A. C. motors at power plant, with a step-down from 550 to 110 volts for lighting and small motors; repaired water filters at pumping station, and ten new wells driven; 12 electric light poles renewed; replacement of No. 2 engine shaft which was found broken. A 2½" driven well established at piggery; new poles, wiring and 3 K.W. transformers at poultry farm; painting of ice house, barn and adjoining buildings, nurses halls I and II, Bancroft, Surgical building, laboratory, Fiske and power plant; grading around the south east ward and the industrial building completed with retaining walls on south and on the west side areas of the latter; grading around new employees' building and Stonecroft; subways from men's pavilion to hospital dining room; rebuilding of bridge at barn; a frame shed for carts and farm machinery; rebuilding of central section of greenhouse; a gardener's storage room in former stable basement; repairs at Moody house; a new hog house for 40 shoats; a new treatment room, toilet room section and mattress sterilizing section at old East ward of men's hospital; an additional ward and two dining rooms, kitchen and cafeteria on 1st floor of South East ward; connecting bridge at main floor level between two south central wings of New East wards with stairways to ground, also at South East ward where a new stone and cement bridge connects the cancer ward with the south wing; reorganizing, welding and insulating of high pressure steam and hot water lines South East ward, to Hecht to New Officers' building, male employees' quarters, and to Stonecroft; covering of steam lines in main subway to men's building; a new linen room women's hospital; connecting corridor, cement and glass construction from Huntress to West ward; glass enclosure of stairways at Fiske; 8 manholes to gates at water tower; 5,000 square feet of gravel roof repairs; pointed up and capping of face wall on East Street.

The Community Store has provided as gifts and entertainments during the year books, newspapers, special movies, 4 bridge tables and one radio, to the extent of \$287.36 expenditure.

In compliance with the provisions of Section 3, Chapter 29, General Laws, the following estimates for the coming year have been submitted:

*Object for which Appropriation is required*

|  | <i>Estimate for<br/>Fiscal year, 1934</i> | <i>Last<br/>Appropriation</i> |
|--|---|-------------------------------|
| Personal services . . . . .                          | \$437,000                                 | \$458,000                     |
| Religious Instruction . . . . .                      | 2,100                                     | 2,200                         |
| Travel, transportation and office expenses . . . . . | 6,950                                     | 5,900                         |
| Food . . . . .                                       | 235,826                                   | 198,000                       |
| Clothing and material . . . . .                      | 69,600                                    | 61,800                        |
| Heat and other plant operations . . . . .            | 63,568                                    | 56,000                        |
| Medical and general care . . . . .                   | 49,300                                    | 44,000                        |
| Furnishings and household supplies . . . . .         | 50,800                                    | 40,000                        |
| Farm . . . . .                                       | 33,680                                    | 27,000                        |
| Garage and grounds . . . . .                         | 8,585                                     | 5,400                         |
| Repairs, ordinary . . . . .                          | 25,300                                    | 22,000                        |
| Repairs and renewals . . . . .                       | 15,718                                    | 4,800                         |
| Total . . . . .                                      | \$998,427                                 | \$925,100                     |

It is with sorrow that I record the death of Miss Hannah M. Harrington, on November 5, 1933, after seven years of faithful services as matron in our laundry department.

I wish to express my appreciation for the earnest devotion by our Chaplain, the Rev. Father, Flanagan, O. M. I., and his Associates of the Novitiate of the Oblate Fathers to the spiritual well-being of our people.

Those of the Protestant faith have received their spiritual guidance from the Rev. John Cummings in his weekly services and visits, to whom I am grateful.

The Chaplain for those of the Jewish faith, Rev. Moses Sedar, has continued to bring his message of cheer and comfort in his regular visits, and to whom I am thankful.

I am indebted to the Director of Aid and Relief, the Supervisor of Social Service, and her associates for their cooperation and continuous endeavors in behalf of those at the Infirmary.

To the employees who have assisted me in carrying through another year of ever increasing activities, I wish to express my gratitude.

I would acknowledge my obligations to the Commissioner of Public Welfare for his kindly advice.

To the members of the Board of Trustees, I am grateful for counsel, consideration and encouragement throughout the year.

Respectfully submitted,

JOHN H. NICHOLS, *Superintendent.*

## FINANCIAL REPORT

### *To the Trustees of the State Infirmary:*

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1933:

| CASH ACCOUNT  |                    |
|---|--------------------|
| <i>Income</i>   |                    |
| Board of inmates . . . . .                              | \$122,389 04       |
| Personal services:                                      |                    |
| Receipts from the Board of Retirement . . . . .         | 355 60             |
| Sales:  |                    |
| Clothing and Materials . . . . .                        | \$423 76           |
| Medical and General Care . . . . .                      | 264 90             |
| Farm . . . . .  | 305 48             |
| Food:   |                    |
| Tea lead and Mo. bbls. . . . .                          | 5 90               |
| Garage, etc. . . . .                                    | 21 05              |
| Travel, transportation and office expenses . . . . .    | 155 26             |
| Repairs, ordinary . . . . .                             |                    |
| Motor and scrap iron . . . . .                          | 71 50              |
| Board of employees and rent . . . . .                   | 1,031 00           |
|   | <hr/>              |
| Interest on bank balance . . . . .                      | 2,278 85           |
|   | 70 20              |
| Total income . . . . .                                  | <hr/> \$125,093 69 |
| MAINTENANCE   |                    |
| Balance from previous year, brought forward . . . . .   | \$30,800 98        |
| Appropriation current year . . . . .                    | 925,100 00         |
| Total . . . . .   | <hr/> \$955,900 98 |
| Expenses (as analyzed below) . . . . .                  | 912,342 68         |
|   | <hr/>              |
| Balance reverting to treasury of Commonwealth . . . . . | \$43,558 30        |
| Liabilities (11-30-33) \$30,427.53.                     |                    |
| ANALYSIS OF EXPENSES                                    |                    |
| Personal services . . . . .                             | \$442,157 28       |
| Food . . . . .  | 197,836 33         |
| Medical and general care . . . . .                      | 46,349 55          |
| Farm . . . . .  | 26,691 44          |
| Heat, light and power . . . . .                         | 52,573 66          |
| Garage, stable and grounds . . . . .                    | 4,156 36           |
| Travel, transportation and office expense . . . . .     | 6,893 40           |
| Religious instruction . . . . .                         | 2,039 41           |
| Clothing and materials . . . . .                        | 62,617 93          |
| Furnishings and household supplies . . . . .            | 41,928 85          |
| Repairs, ordinary . . . . .                             | 23,725 89          |
| Repairs and renewals . . . . .                          | 5,372 58           |
|   | <hr/>              |
| Total . . . . .   | <hr/> \$912,342 68 |

## SPECIAL APPROPRIATIONS

|   |  |  |             |             |
|---|--|--|-------------|-------------|
| Balance, December 1, 1932                       |  |  |             | \$58,066 71 |
| Appropriations for current year                 |  |  |             | 24,000 00   |
| Total   |  |  |             | \$82,066 71 |
| Expended during year                            |  |  | \$34,986 61 |             |
| Reverting to Treasury of Commonwealth           |  |  | 2,360 00    | 37,346 61   |
| Balance November 30, 1933, carried to next year |  |  |             | \$44,720 10 |

| Purpose                                | Appropriation | Expended during Fiscal Year | Expended to Date | Balance     |
|--|---------------|-----------------------------|------------------|-------------|
| Land for Protection of Water Supply    | \$6,000       |                             | \$3,640 00       | \$2,360 00* |
| Asst. Superintendent's House           | 12,000        | \$1,421 30                  | 11,874 74        | 125 26      |
| Boiler House Roof                      | 41,450        | 14,187 70                   | 37,389 85        | 4,060 15    |
| Employees' Quarters                    | 74,000        | 3,563 66                    | 67,039 04        | 6,960 96    |
| Men's Dormitory                        | 70,000        | 6,648 71                    | 47,261 03        | 22,738 97   |
| Filter Beds                            | 20,000        | 9,165 24                    | 9,165 24         | 10,834 76   |
| Totals                                 | \$223,450     | \$34,986 61                 | \$176,369 90     | \$47,080 10 |
| *Reverting to Treasury of Commonwealth |               |                             |                  | \$2,360 00  |
| Balance carried to next year           |               |                             |                  | 44,720 10   |
| Total as above                         |               |                             |                  | \$47,080 10 |

## PER CAPITA

During the year the average number of inmates has been 3,069

Total cost of maintenance, \$912,342.68

Equal to a weekly per capita cost of \$5.7169

Institution income, \$125,093.69

Net weekly per capita, \$4.933

Respectfully submitted,

JOHN H. NICHOLS, *Superintendent.*

## VALUATION, NOVEMBER 30, 1933

| REAL ESTATE                                |  |                |
|--|--|----------------|
| Buildings                                  |  | \$2,406,806 49 |
| Land and other real estate                 |  | 83,679 94      |
|  |  | \$2,490,486 43 |
| PERSONAL PROPERTY                          |  |                |
| Travel, transportation and office expenses |  | \$763 55       |
| Food                                       |  | 20,007 02      |
| Clothing and materials                     |  | 50,306 44      |
| Furnishings and household supplies         |  | 315,826 86     |
| Medical and general care                   |  | 44,487 62      |
| Heat, light and power                      |  | 3,797 27       |
| Farm                                       |  | 86,955 77      |
| Garage, stable and grounds                 |  | 11,592 64      |
| Repairs, ordinary                          |  | 13,326 68      |
|  |  | \$547,063 85   |
| Totals                                     |  | \$3,037,550 28 |

## STATISTICAL FORM FOR STATE INSTITUTIONS

(Prepared in accordance with a resolution of the National Conference of Charities and Correction, adopted May 15, 1906.)

Name of Institution: STATE INFIRMARY.

## Population

|   | Males  | Females |
|---|--------|---------|
| Number of inmates present at beginning of fiscal year                               | 2,181  | 1,071   |
| Number received during the year   | 2,374  | 807     |
| Number discharged or died during the year   | 2,475  | 861     |
| Number at end of fiscal year  | 2,080  | 1,017   |
| Daily average attendance (i.e., number of inmates actually present) during the year | 2,007  | 1,062   |
| Average number of officers and employees during the year                            | 231.87 | 279.49  |

## STATISTICAL STATEMENT

## STATEMENT NO. 1

Number in hospital December 1, 1932, 3,252; admitted during the year, 3,181; discharged during the year, 3,336; supported during the year, 6,433; deaths during the year, 501; births during the year, 172; weekly average, 3,069; present number, 3,097.

Of the 3,181 admitted during the twelve months ending November 30, 1933, there were from Boston, 1,531; Tewksbury, 163; living births, 161; Worcester,



116; Lowell, 110; Springfield, 56; Lawrence, 52; Industrial School for Girls, Lancaster, Lynn, 46 each, 92; Fall River, 43, State Farm, 37; Chelsea, 35; New Bedford, 31; Somerville, 30; Reformatory for Women, Framingham, Haverhill, 29 each, 58; Wilmington, 27; Andover, 26; Medford, 20; Everett, 16; Brockton, Methuen, 15 each, 30; Woburn, Cambridge, 14 each, 28; Fitchburg, 13; Watertown, 12; Billerica, 11; Marlborough, Quincy, 10 each, 20; Salem, Waltham, Wareham, 9 each, 27; Amesbury, Dracut, Peabody, 8 each, 24; Attleboro, Arlington, Carver, Chicopee, Framingham, Gloucester, Holyoke, Malden, Pittsfield, 7 each, 63; West Newbury, Athol, Beverly, Industrial School for Boys, Westborough, Lexington, Northampton, North Reading, Natick, Pepperell, Saugus, North Andover, 6 each, 66; Chelmsford, North Adams, Newburyport, Barnstable, Needham, Revere, Wakefield, Webster, 5 each, 40; Belmont, Melrose, Maynard, Marion, Norton, Newton, Pembroke, Sudbury, Stoneham, Southbridge, Salisbury, Weymouth, 4 each, 48; Adams, Brookline, Bridgewater, Braintree, Charlton, Dudley, Dedham, Fairhaven, Gardner, Greenfield, Groton, Hudson, Hatfield, Hull, Industrial School for Boys at Shirley, Milford, Middleborough, Norwood, Pondville Hospital, Westfield, Whitman, Wrentham State School, 3 each, 66; Ayer, Blackstone, Burlington, Clinton, Concord, Dartmouth, Essex, Groveland, Ipswich, Leominster, Ludlow, Medway, Manchester, Medfield, Monterey, Northbridge, New Bedford House of Correction, Plainville, Rockland, Sterling, Stoughton, Sharon, Shrewsbury, Townsend, Uxbridge, Norfolk Prison Colony, Westford, Wellesley, Winthrop, 2 each, 58; Acushnet, Ashley, Avon, Abington, Ashland, Bellingham, Berkley, Brookfield, boarding out, Belchertown, Canton, Carlisle, Dalton, Deerfield, Easton, Erving, Franklin, Great Barrington, Goshen, Hingham, Harwich, Hopkinton, Hyannis, Littleton, Lee, Lakeville Sanatorium, Lunenburg, Mattapoisett, Monson, Milton, Monson State Hospital, Middleton, Mansfield, Mendon, Merrimac, Millis, Northborough, Nantucket, Norfolk, Orange, Oxford, Palmer, Rockport, Rutland, Royalston, Rochester, Randolph, Southwick, Swampscott, Shelburne, Savoy, Stow, Seekonk, Sturbridge, Taunton, Tyngsborough, Tyngham, Tisbury, Tolland, Upton, Winchester, Winchendon, Wrentham, Williamstown, Worcester State Hospital, Windsor, Walter E. Fernald State School, Wayland, Westhampton, Warwick, Washington, 1 each, 71.

The following table indicates the number each month, also sex and age:

|           | Totals | Males | Females | Under 10 | 10 to 20 | 20 to 30 | 30 to 40 | 40 to 50 | 50 to 60 | 60 to 70 | 70 to 80 | 80 to 90 | Over 90 |
|-----------|--------|-------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| 1932      |        |       |         |          |          |          |          |          |          |          |          |          |         |
| December  | 252    | 191   | 61      | 21       | 16       | 24       | 28       | 46       | 57       | 40       | 15       | 5        | -       |
| 1933      |        |       |         |          |          |          |          |          |          |          |          |          |         |
| January   | 203    | 157   | 46      | 13       | 12       | 33       | 18       | 35       | 49       | 26       | 15       | 2        | -       |
| February  | 196    | 129   | 67      | 27       | 25       | 39       | 20       | 29       | 25       | 25       | 6        | -        | -       |
| March     | 175    | 127   | 48      | 20       | 19       | 31       | 17       | 29       | 28       | 17       | 12       | 2        | -       |
| April     | 217    | 152   | 65      | 15       | 15       | 40       | 28       | 25       | 25       | 39       | 27       | 3        | -       |
| May       | 241    | 180   | 61      | 22       | 11       | 34       | 13       | 33       | 48       | 47       | 27       | 6        | -       |
| June      | 217    | 173   | 44      | 21       | 14       | 26       | 20       | 30       | 36       | 38       | 27       | 5        | -       |
| July      | 264    | 202   | 62      | 18       | 23       | 32       | 19       | 38       | 55       | 49       | 24       | 6        | -       |
| August    | 248    | 184   | 64      | 21       | 13       | 39       | 23       | 30       | 50       | 48       | 19       | 4        | 1       |
| September | 261    | 215   | 46      | 17       | 17       | 31       | 16       | 31       | 69       | 49       | 25       | 5        | 1       |
| October   | 246    | 197   | 49      | 15       | 10       | 26       | 23       | 39       | 65       | 50       | 15       | 3        | -       |
| November  | 661    | 467   | 194     | 75       | 76       | 143      | 90       | 74       | 92       | 75       | 33       | 3        | -       |
| Totals    | 3,181  | 2,374 | 807     | 285      | 251      | 498      | 315      | 439      | 599      | 503      | 245      | 44       | 2       |

## STATEMENT NO. 2

### *Nativity of Inmates*

Massachusetts, 1,169; British Provinces, 343; Ireland, 340; Maine, 154; New Hampshire, 97; New York, 91; Italy, 81; England, 71; Unknown, 62; Poland, 59; Vermont, 50; Connecticut, 48; Rhode Island, 41; Pennsylvania, 39; Russia, 37; Sweden, 33; Ohio, 28; Scotland, 27; North Carolina, 26; Lithuania, 23; Finland, 19; Cape Verde Islands, Greece, 17 each, 34; Georgia, Armenia, New Jersey, 16 each, 48; California, Illinois, 15 each, 30; South Carolina, 12; Florida, 11; Indiana, Missouri, Turkey, Virginia, 10 each, 40; China, Minnesota, Azores,

Portugal, 8 each, 32; Denmark, France, Germany, Texas, 7 each, 28; Maryland, Syria, West Virginia, 6 each, 18; Albania, Iowa, Kentucky, Tennessee, Wisconsin, 5 each, 25; Alabama, Australia, Louisiana, Michigan, Oklahoma, 4 each, 20; South Dakota, Arizona, Austria, Kansas, 3 each, 12; Arkansas, Hungary, Japan, Norway, Philippine Islands, Porto Rico, Washington, District of Columbia, 2 each, 16; India, Mississippi, Nebraska, Persia, Rumania, Africa, Asia, Argentine Republic, Belgium, British West Indies, Brava, Colorado, Spain, Switzerland, Utah, West Indies, Wales, 1 each. 17.

MATERNITY TABLE

| Months      | Totals |    |    | Stillborn |         | Living Births |         | Twins | Birthplaces of Mothers |         |                   |                 |        |
|-------------|--------|----|----|-----------|---------|---------------|---------|-------|------------------------|---------|-------------------|-----------------|--------|
|             |        |    |    | Males     | Females | Males         | Females |       | United States          | Ireland | British Provinces | Other Countries | Totals |
| <b>1932</b> |        |    |    |           |         |               |         |       |                        |         |                   |                 |        |
| December    | 14     | 6  | 8  | -         | -       | 6             | 8       | -     | 12                     | -       | 1                 | 1               | 14     |
| <b>1933</b> |        |    |    |           |         |               |         |       |                        |         |                   |                 |        |
| January     | 12     | 7  | 5  | 2         | -       | 5             | 5       | -     | 10                     | 1       | 1                 | -               | 12     |
| February    | 19     | 9  | 10 | 1         | 1       | 8             | 9       | -     | 16                     | 1       | 1                 | 1               | 19     |
| March       | 17     | 12 | 5  | 2         | -       | 10            | 5       | 1     | 14                     | -       | 1                 | 2               | 17     |
| April       | 12     | 7  | 5  | 1         | 1       | 6             | 4       | -     | 10                     | -       | 2                 | -               | 12     |
| May         | 15     | 8  | 7  | -         | -       | 8             | 7       | -     | 12                     | -       | 3                 | -               | 15     |
| June        | 16     | 13 | 3  | -         | 1       | 13            | 2       | -     | 16                     | -       | -                 | -               | 16     |
| July        | 14     | 6  | 8  | 1         | -       | 5             | 8       | -     | 12                     | -       | 2                 | -               | 14     |
| August      | 16     | 7  | 9  | -         | 1       | 7             | 8       | -     | 13                     | -       | 3                 | -               | 16     |
| September   | 15     | 9  | 6  | -         | -       | 9             | 6       | -     | 12                     | -       | 2                 | 1               | 15     |
| October     | 12     | 3  | 9  | -         | -       | 3             | 9       | -     | 11                     | -       | 1                 | -               | 12     |
| November    | 10     | 5  | 5  | -         | -       | 5             | 5       | -     | 6                      | -       | 2                 | 2               | 10     |
| Total       | 172    | 92 | 80 | 7         | 4       | 85            | 76      | 1     | 144                    | 2       | 19                | 7               | 172    |

TABLE OF DISEASES

| Detailed Int.<br>List No. | Diseases  | Patients |       |         | Discharged |          |                 |      | Still in<br>Institution |
|---------------------------|---|----------|-------|---------|------------|----------|-----------------|------|-------------------------|
|                           |   | Totals   | Males | Females | Well       | Relieved | Not<br>Relieved | Died |                         |
| 7                         | Measles . . . . .   | 1        | -     | 1       | 1          | -        | -               | -    | -                       |
| 8                         | Scarlet fever . . . . .                                       | 1        | -     | 1       | -          | -        | -               | -    | -                       |
| 9                         | Whooping cough . . . . .                                      | 17       | 9     | 8       | -          | 1        | -               | -    | 16                      |
| 11b                       | Influenza . . . . .   | 17       | 15    | 2       | 15         | 1        | -               | -    | 1                       |
| 15                        | Erysipelas . . . . .  | 5        | 5     | -       | 2          | -        | -               | 2    | 1                       |
| 16                        | Acute poliomyelitis . . . . .                                 | 13       | 8     | 5       | -          | 4        | 4               | -    | 5                       |
| 23                        | Tuberculosis of respiratory system . . . . .                  | 386      | 306   | 80      | -          | 69       | 66              | 82   | 169                     |
| 24                        | Tuberculosis of meninges and central nervous system . . . . . | 1        | 1     | -       | -          | -        | -               | 1    | -                       |
| 25                        | Tuberculosis of intestines and peritoneum . . . . .           | 3        | 1     | 2       | -          | 1        | -               | 1    | 1                       |
| 26                        | Tuberculosis vertebral column . . . . .                       | 5        | 5     | -       | -          | 2        | -               | -    | 3                       |
| 27b                       | Tuberculosis of joints . . . . .                              | 8        | 7     | 1       | -          | 4        | 2               | -    | 2                       |
| 28                        | Tuberculosis of skin . . . . .                                | 1        | 1     | -       | -          | 1        | -               | -    | -                       |
| 29                        | Tuberculosis of lymphatic system . . . . .                    | 2        | 2     | -       | 1          | -        | -               | -    | 1                       |
| 30                        | Tuberculosis genitourinary system . . . . .                   | 2        | 1     | 1       | -          | -        | -               | -    | 2                       |
| 34                        | Syphilis . . . . .  | 290      | 150   | 140     | 4          | 86       | 121             | 3    | 76                      |
| 35                        | Gonococcus infection . . . . .                                | 252      | 115   | 137     | 104        | 45       | 38              | -    | 65                      |
| 36                        | Purulent infection, septicemia . . . . .                      | 7        | 5     | 2       | 1          | 1        | 1               | 1    | 3                       |
| 42                        | Other diseases caused by helminths . . . . .                  | 2        | 2     | -       | 1          | 1        | -               | -    | -                       |
| 45                        | Cancer, buccal cavity . . . . .                               | 31       | 30    | 1       | 2          | 1        | 8               | 10   | 10                      |
| 46                        | Cancer, digestive tract . . . . .                             | 47       | 38    | 9       | 1          | 1        | 5               | 32   | 8                       |
| 47                        | Cancer, respiratory system . . . . .                          | 3        | 3     | -       | -          | -        | 1               | 1    | 1                       |
| 48                        | Cancer, uterus . . . . .                                      | 11       | -     | 11      | -          | -        | -               | 10   | 1                       |
| 49                        | Cancer, female genital organs . . . . .                       | 1        | -     | 1       | -          | -        | 1               | -    | -                       |
| 50                        | Cancer, breast . . . . .                                      | 2        | -     | 2       | -          | -        | -               | 1    | 1                       |
| 51                        | Cancer, male genitourinary organs . . . . .                   | 6        | 6     | -       | -          | -        | -               | 4    | 2                       |
| 52                        | Cancer, skin . . . . .  | 8        | 7     | 1       | -          | -        | 2               | 2    | 4                       |
| 53                        | Cancer, other organs . . . . .                                | 4        | 4     | -       | -          | -        | 3               | 1    | -                       |
| 54b                       | Nonmalignant tumor of uterus . . . . .                        | 4        | -     | 4       | 1          | -        | 1               | -    | 2                       |
| 54e                       | Nonmalignant tumor of other organs . . . . .                  | 9        | 7     | 2       | -          | -        | 3               | -    | 6                       |
| 55d                       | Tumors of brain (not classified) . . . . .                    | 2        | 2     | -       | -          | -        | 1               | 1    | -                       |
| 56                        | Acute rheumatic fever . . . . .                               | 2        | 2     | -       | 1          | -        | -               | -    | 1                       |
| 57                        | Chronic rheumatism, osteoarthritis . . . . .                  | 199      | 154   | 45      | 8          | 68       | 16              | 5    | 102                     |
| 59                        | Diabetes mellitus . . . . .                                   | 39       | 21    | 18      | 1          | 7        | 6               | 2    | 23                      |
| 63                        | Rickets . . . . .   | 8        | 4     | 4       | 2          | -        | 2               | -    | 4                       |
| 66b                       | Diseases of the thyroid gland . . . . .                       | 6        | 3     | 3       | -          | 2        | 2               | 1    | 1                       |
| 66c                       | Cretinism . . . . .   | 2        | 1     | 2       | -          | -        | -               | -    | 2                       |
| 69                        | Other general diseases . . . . .                              | 2        | 1     | 2       | -          | -        | -               | -    | 2                       |
| 71a                       | Anemia, pernicious . . . . .                                  | 7        | 5     | 2       | -          | 3        | -               | 2    | 2                       |
| 71b                       | Anemias, other . . . . .                                      | 5        | -     | 5       | 1          | 1        | 1               | -    | 2                       |
| 72                        | Leukemia . . . . .  | 1        | 1     | -       | -          | -        | -               | 1    | -                       |
| 75                        | Alcoholism . . . . .  | 115      | 114   | 1       | 110        | 3        | 2               | -    | -                       |
| 76b                       | Poisoning by other organic substances . . . . .               | 4        | 3     | 1       | 1          | 1        | -               | -    | 2                       |
| 77a                       | Poisoning, lead . . . . .                                     | 1        | -     | 1       | 1          | -        | -               | -    | -                       |
| 78                        | Encephalitis, nonepidemic . . . . .                           | 8        | 4     | 4       | -          | -        | 1               | -    | 7                       |
| 80                        | Tabes dorsalis . . . . .                                      | 31       | 25    | 6       | -          | 3        | 4               | 1    | 23                      |
| 81                        | Other diseases of spinal cord . . . . .                       | 25       | 22    | 3       | -          | 2        | 3               | 1    | 19                      |
| 82a                       | Cerebral hemorrhage . . . . .                                 | 34       | 22    | 12      | -          | 1        | 1               | 21   | 11                      |
| 82d                       | Hemiplegia . . . . .  | 134      | 102   | 32      | -          | 13       | 10              | -    | 111                     |
| 83                        | General Paresis . . . . .                                     | 4        | 4     | -       | -          | -        | 4               | -    | -                       |
| 84                        | Dementia Praecox and other psychoses . . . . .                | 54       | 36    | 18      | 2          | 1        | 49              | -    | 2                       |
| 85                        | Epilepsy . . . . .  | 25       | 17    | 8       | -          | 2        | 5               | -    | 18                      |
| 87a                       | Neuralgia, neuritis . . . . .                                 | 67       | 63    | 4       | 14         | 14       | 5               | -    | 34                      |
| 87b                       | Nervous system, other diseases of . . . . .                   | 113      | 58    | 55      | 2          | 5        | 14              | 6    | 86                      |
| 88                        | Organs of vision, diseases of the . . . . .                   | 102      | 79    | 23      | 28         | 3        | 15              | -    | 56                      |
| 89                        | Ear and mastoid process, diseases of . . . . .                | 50       | 25    | 25      | 29         | 7        | -               | -    | 14                      |
| 90                        | Pericarditis . . . . .  | 1        | 1     | -       | -          | -        | -               | 1    | -                       |
| 92                        | Endocarditis and Valvular diseases . . . . .                  | 106      | 81    | 25      | 1          | 30       | 11              | 12   | 52                      |
| 93                        | Myocardium, diseases of the . . . . .                         | 301      | 282   | 19      | -          | 101      | 11              | 52   | 137                     |
| 94b                       | Coronary arteries, diseases of . . . . .                      | 3        | 3     | -       | -          | 1        | -               | 1    | 1                       |
| 95                        | Heart, other diseases of the . . . . .                        | 22       | 16    | 6       | 1          | 2        | -               | 5    | 14                      |
| 96                        | Aortic aneurysm . . . . .                                     | 4        | 4     | -       | -          | -        | 1               | 1    | 2                       |
| 97                        | Arteriosclerosis . . . . .                                    | 826      | 702   | 124     | -          | 1        | 231             | 121  | 473                     |
| 98                        | Gangrene . . . . .  | 6        | 6     | -       | 2          | -        | 1               | 1    | 2                       |
| 99                        | Arteries, other diseases of the . . . . .                     | 3        | 3     | -       | -          | 1        | -               | -    | 2                       |
| 100                       | Veins, diseases of the . . . . .                              | 145      | 133   | 12      | 29         | 22       | 30              | -    | 64                      |
| 101                       | Lymphatic system, diseases of . . . . .                       | 7        | 4     | 3       | 5          | -        | -               | -    | 2                       |
| 102                       | Hypertension . . . . .  | 29       | 12    | 17      | -          | 6        | 10              | -    | 13                      |
| 104a                      | Nasal fossae, diseases of the . . . . .                       | 136      | 82    | 54      | 84         | 3        | 2               | -    | 47                      |
| 105                       | Larynx, diseases of the . . . . .                             | 1        | 1     | -       | -          | 1        | -               | -    | -                       |
| 106a                      | Acute bronchitis . . . . .                                    | 13       | 11    | 2       | 7          | -        | 1               | -    | 5                       |
| 106b                      | Chronic bronchitis . . . . .                                  | 91       | 83    | 8       | 3          | 34       | 2               | -    | 52                      |
| 107                       | Bronchopneumonia . . . . .                                    | 22       | 16    | 6       | 5          | 1        | 10              | 4    | 2                       |
| 108                       | Lobar pneumonia . . . . .                                     | 31       | 30    | 1       | 8          | -        | 1               | 20   | 2                       |
| 110                       | Pleurisy . . . . .  | 21       | 18    | 3       | 5          | 4        | 4               | -    | 8                       |
| 111a                      | Pulmonary embolism and thrombosis . . . . .                   | 3        | 3     | -       | -          | -        | -               | 3    | -                       |
| 111b                      | Congestion, edema of lungs . . . . .                          | 1        | 1     | -       | -          | -        | 1               | -    | -                       |
| 112                       | Asthma . . . . .  | 35       | 28    | 7       | 1          | 12       | 4               | 1    | 17                      |



TABLE OF DISEASES — *Continued*

| Detailed List No. | Diseases   | Patients |       |         | Discharged |          |              |      | Still in Institution |
|-------------------|--|----------|-------|---------|------------|----------|--------------|------|----------------------|
|                   |  | Totals   | Males | Females | Well       | Relieved | Not Relieved | Died |                      |
| 113               | Pulmonary emphysema                              | 5        | 5     | -       | -          | 1        | -            | -    | 4                    |
| 114 <sup>b</sup>  | Other diseases of the respiratory system         | 3        | 1     | 2       | 1          | 1        | -            | -    | 1                    |
| 115 <sup>a</sup>  | Pharynx and tonsils, diseases of                 | 71       | 31    | 40      | 54         | 5        | 8            | -    | 4                    |
| 115 <sup>b</sup>  | Buccal cavity, other diseases of                 | 10       | 8     | 2       | 4          | 1        | 2            | -    | 3                    |
| 116               | Esophagus, diseases of the                       | 4        | 4     | -       | -          | 1        | 1            | -    | 2                    |
| 117               | Ulcer of stomach and duodenum                    | 32       | 31    | 1       | 3          | 16       | 3            | 1    | 9                    |
| 118               | Stomach, other diseases of the                   | 43       | 41    | 2       | 14         | 12       | 1            | -    | 16                   |
| 119               | Diarrhea and enteritis (under 2 years)           | 18       | 10    | 8       | 16         | -        | -            | -    | 2                    |
| 120               | Diarrhea and enteritis (2 years and over)        | 8        | 5     | 3       | 2          | 2        | -            | 2    | 2                    |
| 121               | Appendicitis                                     | 20       | 8     | 12      | 15         | 1        | 1            | 1    | 2                    |
| 122 <sup>a</sup>  | Hernia   | 196      | 184   | 12      | 52         | 5        | 52           | 1    | 86                   |
| 122 <sup>b</sup>  | Intestinal obstruction                           | 2        | 1     | 1       | -          | -        | -            | 1    | 1                    |
| 123               | Intestines, other diseases of                    | 23       | 18    | 5       | 6          | 1        | 7            | -    | 9                    |
| 124               | Cirrhosis of liver                               | 11       | 10    | 1       | -          | 5        | -            | 4    | 2                    |
| 125               | Liver, other diseases of the                     | 1        | -     | 1       | -          | -        | 1            | -    | -                    |
| 127               | Gall bladder, other diseases of                  | 23       | 21    | 2       | 3          | 7        | 2            | -    | 11                   |
| 129               | Peritonitis (cause unspecified)                  | 4        | 3     | 1       | 1          | 1        | -            | 1    | 1                    |
| 130               | Acute nephritis                                  | 5        | 1     | 4       | -          | 1        | -            | 1    | 3                    |
| 131               | Chronic nephritis                                | 21       | 14    | 7       | -          | 5        | 3            | 5    | 8                    |
| 133               | Kidneys, other diseases of                       | 3        | 2     | 1       | 1          | 1        | -            | -    | 1                    |
| 134               | Calculi of urinary passages                      | 1        | 1     | -       | 1          | -        | -            | -    | -                    |
| 135               | Bladder, diseases of the                         | 22       | 12    | 10      | 9          | -        | 4            | -    | 9                    |
| 136 <sup>a</sup>  | Stricture of urethra                             | 8        | 8     | -       | 7          | 1        | -            | -    | -                    |
| 136 <sup>b</sup>  | Urethra, other diseases of the                   | 6        | 6     | -       | 2          | 1        | -            | -    | 3                    |
| 137               | Prostate, diseases of the                        | 25       | 25    | -       | 2          | 6        | 4            | -    | 13                   |
| 138               | Nonvenereal diseases of the male genital organs  | 17       | 17    | -       | 9          | -        | 5            | -    | 3                    |
| 139 <sup>a</sup>  | Cysts of the ovary                               | 1        | -     | 1       | 1          | -        | -            | -    | -                    |
| 139 <sup>b</sup>  | Ovaries and tubes, diseases of the               | 13       | -     | 13      | 1          | 9        | 2            | -    | 1                    |
| 139 <sup>c</sup>  | Uterus, diseases of the                          | 23       | -     | 23      | 7          | 6        | 3            | -    | 7                    |
| 139 <sup>d</sup>  | Nonpuerperal diseases of the breast              | 3        | -     | 3       | 3          | -        | -            | -    | -                    |
| 139 <sup>e</sup>  | Female genital organs, other diseases of the     | 1        | -     | 1       | -          | -        | 1            | -    | -                    |
| 140               | Abortion (septic condition)                      | 1        | -     | 1       | 1          | -        | -            | -    | -                    |
| 141               | Abortion (non-septic)                            | 6        | -     | 6       | 5          | -        | -            | -    | 1                    |
| 143               | Pregnancy  | 207      | -     | 207     | 171        | -        | 10           | -    | 26                   |
| 147               | Pregnancy, other toxemias of                     | 2        | -     | 2       | -          | -        | -            | 2    | -                    |
| 148               | Puerperal phlegmasia, alba dolens — sudden death | 1        | -     | 1       | -          | -        | -            | 1    | -                    |
| 149 <sup>b</sup>  | Convalescent parturition                         | 13       | -     | 13      | 13         | -        | -            | -    | -                    |
| 151               | Furuncle, carbuncle                              | 21       | 15    | 6       | 17         | -        | -            | -    | 4                    |
| 152               | Acute abscess                                    | 3        | 2     | 1       | 1          | 1        | -            | -    | 1                    |
| 153               | Skin and annexa, diseases of the                 | 235      | 186   | 49      | 126        | 17       | 5            | -    | 87                   |
| 154               | Osteomyelitis                                    | 19       | 15    | 4       | 7          | 1        | -            | -    | 11                   |
| 155               | Bones, diseases of (T. B. excepted)              | 8        | 8     | -       | -          | -        | -            | -    | 8                    |
| 156               | Joints and organs of locomotion, diseases of the | 121      | 117   | 4       | 30         | 10       | 15           | -    | 66                   |
| 157 <sup>a</sup>  | Congenital hydrocephalus                         | 5        | 5     | -       | -          | -        | -            | 1    | 4                    |
| 157 <sup>b</sup>  | Spina bifida                                     | 3        | 1     | 2       | -          | -        | 1            | -    | 2                    |
| 157 <sup>d</sup>  | Congenital malformations, other                  | 18       | 12    | 6       | 1          | -        | 5            | -    | 12                   |
| 158 <sup>a</sup>  | Stillborn  | 11       | 7     | 4       | -          | -        | -            | 11   | -                    |
| 158 <sup>b</sup>  | Congenital debility                              | 10       | 2     | 8       | 8          | -        | -            | 1    | 1                    |
| 159               | Premature birth                                  | 1        | 1     | -       | -          | -        | -            | 1    | -                    |
| 161 <sup>a</sup>  | Atalectasis                                      | 1        | 1     | -       | -          | -        | -            | 1    | -                    |
| 161 <sup>d</sup>  | Infancy  | 161      | 85    | 76      | 161        | -        | -            | -    | -                    |
| 161 <sup>d</sup>  | Hemorrhage of the newborn                        | 1        | 1     | -       | -          | -        | -            | 1    | -                    |
| 165               | Suicide by hanging                               | 1        | 1     | -       | -          | -        | -            | 1    | -                    |
| 181               | Accidental burns                                 | 5        | 4     | 1       | 3          | 1        | -            | 1    | -                    |
| 188               | Injuries by animals                              | 3        | 2     | 1       | 2          | -        | -            | 1    | -                    |
| 190               | Excessive cold                                   | 4        | 4     | -       | 3          | -        | -            | 1    | -                    |
| 194 <sup>b</sup>  | Other accidents                                  | 231      | 202   | 29      | 125        | 8        | 16           | 8    | 74                   |
| 200               | Ill defined diseases                             | 29       | 25    | 4       | 21         | -        | -            | -    | 8                    |
| 210               | Automobile accidents                             | 23       | 15    | 8       | 22         | -        | -            | 1    | -                    |
| 215               | No diseases                                      | 432      | 375   | 57      | 236        | -        | -            | -    | 196                  |
|                   | Totals   | 6,185    | 4,568 | 1,617   | 1,651      | 699      | 870          | 463  | 2,502                |

TABLE OF DEATHS

| Detailed Int.<br>List No. | Causes of Death   | Totals | Males | Females | Table of Ages   |     |      |       |       |       |       |       |       |       |       |        |         |  |
|---------------------------|---|--------|-------|---------|-----------------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|--------|---------|--|
|                           |   |        |       |         | Under<br>1 Year | 1-5 | 5-10 | 10-20 | 20-30 | 30-40 | 40-50 | 50-60 | 60-70 | 70-80 | 80-90 | 90-100 | 100-110 |  |
|                           |   |        |       |         |                 |     |      |       |       |       |       |       |       |       |       |        |         |  |
| 15                        | Erysipelas  | 2      | 2     | -       | -               | -   | -    | -     | -     | -     | 1     | -     | -     | 1     | -     | -      | -       |  |
| 23                        | Tuberculosis of respiratory system                      | 82     | 65    | 17      | -               | -   | -    | 3     | 19    | 19    | 13    | 13    | 11    | 3     | 1     | -      | -       |  |
| 24                        | Tuberculosis of meninges                                | 1      | 1     | -       | -               | -   | -    | -     | -     | -     | -     | -     | -     | -     | -     | -      | -       |  |
| 25                        | Tuberculosis of intestines and peritoneum               | 1      | -     | 1       | -               | -   | -    | -     | -     | -     | 1     | -     | -     | -     | -     | -      | -       |  |
| 34                        | Syphilis  | 3      | 2     | 1       | -               | -   | -    | -     | -     | 1     | 1     | 1     | -     | -     | -     | -      | -       |  |
| 36                        | Septicemia  | 1      | -     | 1       | -               | -   | -    | -     | -     | -     | 1     | -     | -     | -     | -     | -      | -       |  |
| 45                        | Cancer, buccal cavity                                   | 10     | 9     | 1       | -               | -   | -    | -     | -     | -     | -     | 3     | 6     | 1     | -     | -      | -       |  |
| 46                        | Cancer, digestive tract                                 | 32     | 28    | 4       | -               | -   | -    | -     | -     | 1     | 5     | 7     | 9     | 9     | 1     | -      | -       |  |
| 47                        | Cancer, respiratory system                              | 1      | 1     | -       | -               | -   | -    | -     | -     | -     | -     | -     | -     | -     | -     | -      | -       |  |
| 48                        | Cancer, uterus  | 10     | -     | 10      | -               | -   | -    | -     | -     | 1     | 1     | 2     | 6     | 1     | -     | -      | -       |  |
| 50                        | Cancer, breast  | 1      | -     | 1       | -               | -   | -    | -     | -     | -     | -     | -     | -     | -     | -     | -      | -       |  |
| 51                        | Cancer, male genitourinary system                       | 4      | 4     | -       | -               | -   | -    | -     | -     | -     | -     | 2     | 1     | 1     | -     | -      | -       |  |
| 52                        | Cancer, skin  | 2      | 1     | 1       | -               | -   | -    | -     | -     | -     | -     | -     | -     | 1     | 1     | -      | -       |  |
| 53                        | Cancer, other organs                                    | 1      | 1     | -       | -               | -   | -    | -     | -     | -     | -     | -     | -     | 1     | 1     | -      | -       |  |
| 55d                       | Tumors of brain (nature unspecified)                    | 1      | 1     | -       | -               | -   | -    | -     | -     | -     | -     | -     | -     | -     | -     | -      | -       |  |
| 57                        | Chronic rheumatism, osteoarthritis                      | 5      | 2     | 3       | -               | -   | -    | -     | -     | -     | 1     | -     | -     | -     | -     | -      | -       |  |
| 59                        | Diabetes mellitus                                       | 2      | -     | 2       | -               | -   | -    | -     | -     | -     | 2     | -     | 2     | -     | -     | -      | -       |  |
| 66                        | Diseases of thyroid and parathyroid gland               | 1      | 1     | -       | -               | -   | -    | -     | -     | -     | 1     | -     | -     | -     | -     | -      | -       |  |
| 71a                       | Anemia, pernicious                                      | 2      | 2     | -       | -               | -   | -    | -     | -     | -     | -     | 1     | 1     | 1     | -     | -      | -       |  |
| 72                        | Leukemia  | 1      | 1     | -       | -               | -   | -    | -     | -     | -     | -     | -     | 1     | -     | -     | -      | -       |  |
| 80                        | Tabes dorsalis  | 1      | 1     | -       | -               | -   | -    | -     | -     | -     | -     | -     | 1     | -     | -     | -      | -       |  |
| 81                        | Spinal cord, other diseases of                          | 1      | 1     | -       | -               | -   | -    | -     | -     | -     | 1     | -     | -     | -     | -     | -      | -       |  |
| 82a                       | Cerebral hemorrhage                                     | 21     | 15    | 6       | -               | -   | -    | -     | -     | 1     | 3     | 6     | 8     | 2     | 1     | -      | -       |  |
| 87b                       | Nervous system, other diseases of                       | 6      | 4     | 2       | -               | -   | 2    | -     | -     | -     | 1     | 2     | 1     | -     | -     | -      | -       |  |
| 90                        | Pericarditis  | 1      | 1     | -       | -               | -   | -    | -     | -     | 1     | -     | -     | -     | -     | -     | -      | -       |  |
| 92                        | Endocarditis and valvular diseases                      | 12     | 5     | 7       | -               | -   | -    | 1     | -     | 1     | 4     | 3     | 1     | 2     | -     | -      | -       |  |
| 93                        | Myocarditis   | 52     | 51    | 1       | -               | -   | -    | -     | -     | 6     | 10    | 15    | 18    | 3     | -     | -      | -       |  |
| 94b                       | Coronary arteries, diseases of                          | 1      | 1     | -       | -               | -   | -    | -     | -     | -     | -     | 2     | 1     | 1     | 1     | -      | -       |  |
| 95                        | Heart, other diseases of                                | 5      | 2     | 3       | -               | -   | -    | -     | -     | -     | -     | 2     | 1     | 1     | 1     | -      | -       |  |
| 96                        | Aneurysm  | 1      | 1     | -       | -               | -   | -    | -     | -     | -     | -     | 1     | -     | -     | -     | -      | -       |  |
| 97                        | Arteriosclerosis  | 121    | 83    | 38      | -               | -   | -    | -     | -     | -     | 3     | 24    | 60    | 26    | 7     | 1      | -       |  |
| 98                        | Gangrene  | 1      | 1     | -       | -               | -   | -    | -     | -     | -     | 1     | -     | -     | -     | -     | -      | -       |  |
| 107                       | Bronchopneumonia  | 4      | 1     | 3       | 2               | 1   | -    | -     | -     | -     | -     | -     | 1     | -     | -     | -      | -       |  |
| 108                       | Pneumonia, — lobar                                      | 20     | 20    | -       | -               | -   | -    | -     | -     | 1     | 3     | 5     | 4     | 6     | 1     | -      | -       |  |
| 111a                      | Pulmonary embolism and thrombosis                       | 3      | 3     | -       | -               | -   | -    | 1     | -     | -     | 1     | 1     | -     | -     | -     | -      | -       |  |
| 112                       | Asthma  | 1      | 1     | -       | -               | -   | -    | -     | -     | -     | -     | 1     | -     | -     | -     | -      | -       |  |
| 117                       | Ulcer of stomach and duodenum                           | 1      | 1     | -       | -               | -   | -    | -     | -     | -     | -     | 1     | -     | -     | -     | -      | -       |  |
| 120                       | Diarrhea, enteritis (2 years and over)                  | 2      | 1     | 1       | -               | -   | -    | -     | 1     | -     | -     | 1     | -     | -     | -     | -      | -       |  |
| 121                       | Appendicitis  | 1      | 1     | -       | -               | -   | -    | -     | -     | -     | -     | -     | -     | -     | -     | -      | -       |  |
| 122a                      | Hernia  | 1      | 1     | -       | -               | -   | -    | -     | -     | -     | -     | -     | 1     | -     | -     | -      | -       |  |
| 122b                      | Intestinal obstruction                                  | 1      | 1     | -       | -               | -   | -    | -     | -     | -     | -     | -     | -     | -     | -     | -      | -       |  |
| 124                       | Cirrhosis of liver                                      | 4      | 4     | -       | -               | -   | -    | -     | -     | -     | 1     | 1     | -     | 2     | 1     | -      | -       |  |
| 129                       | Peritonitis (cause unspecified)                         | 1      | 1     | -       | -               | -   | -    | -     | -     | -     | -     | -     | -     | 1     | -     | -      | -       |  |
| 130                       | Nephritis, acute  | 1      | 1     | -       | -               | -   | -    | -     | -     | -     | -     | -     | -     | -     | -     | -      | -       |  |
| 131                       | Nephritis, chronic                                      | 5      | 4     | 1       | -               | -   | -    | -     | -     | 1     | -     | 2     | 1     | 1     | -     | -      | -       |  |
| 147                       | Other toxemias of pregnancy                             | 2      | -     | 2       | -               | -   | -    | 1     | -     | -     | -     | -     | -     | -     | -     | -      | -       |  |
| 148                       | Puerperal phlegmasia alba dolens, embolus, sudden death | 1      | -     | 1       | -               | -   | -    | 1     | -     | -     | -     | -     | -     | -     | -     | -      | -       |  |
| 157a                      | Congenital hydrocephalus                                | 1      | 1     | -       | -               | -   | -    | -     | -     | -     | -     | -     | -     | -     | -     | -      | -       |  |
| 158a                      | Stillborn   | 11     | 7     | 4       | 11              | -   | -    | -     | -     | -     | -     | -     | -     | -     | -     | -      | -       |  |
| 158b                      | Congenital debility                                     | 1      | -     | 1       | -               | -   | -    | -     | -     | -     | -     | -     | -     | -     | -     | -      | -       |  |
| 159                       | Premature birth   | 1      | 1     | -       | -               | -   | -    | -     | -     | -     | -     | -     | -     | -     | -     | -      | -       |  |
| 161a                      | Atalectasis   | 1      | 1     | -       | -               | -   | -    | -     | -     | -     | -     | -     | -     | -     | -     | -      | -       |  |
| 161d                      | Hemorrhage of new-born                                  | 1      | 1     | -       | -               | -   | -    | -     | -     | -     | -     | -     | -     | -     | -     | -      | -       |  |
| 165                       | Suicide by hanging                                      | 1      | 1     | -       | -               | -   | -    | -     | -     | -     | -     | -     | 1     | -     | -     | -      | -       |  |
| 181                       | Accidental burns  | 1      | 1     | -       | -               | -   | -    | -     | -     | -     | -     | -     | 1     | -     | -     | -      | -       |  |
| 188                       | Injury by animals                                       | 1      | 1     | -       | -               | -   | -    | -     | -     | -     | -     | -     | -     | -     | 1     | -      | -       |  |
| 190                       | Excessive cold  | 1      | 1     | -       | -               | -   | -    | -     | -     | -     | -     | -     | -     | -     | -     | -      | -       |  |
| 194a                      | Fractures   | 7      | 5     | 2       | -               | -   | -    | -     | -     | -     | 1     | -     | -     | -     | -     | -      | -       |  |
| 194b                      | Other accidents   | 1      | 1     | -       | -               | -   | 1    | -     | -     | -     | -     | 1     | 1     | 5     | -     | -      | -       |  |
| 210                       | Automobile accidents                                    | 1      | 1     | -       | -               | -   | -    | -     | -     | -     | -     | 1     | -     | -     | -     | -      | -       |  |
|                           | Totals  | 463    | 349   | 114     | 18              | 1   | 3    | 8     | 21    | 29    | 50    | 69    | 102   | 117   | 37    | 7      | 1       |  |

## STATISTICAL TABLES

AS ADOPTED BY THE AMERICAN PSYCHIATRIC ASSOCIATION AND THE NATIONAL COMMITTEE FOR MENTAL HYGIENE

TABLE 1. — *General Information*

Data correct at end of hospital year, November 30, 1933.

|    |  |  |     |     |   |        |        |             |    |
|----|--|--|-----|-----|---|--------|--------|-------------|----|
| 1. | Date of opening as a hospital for mental diseases: 1856.   |  |     |     |   |        |        |             |    |
| 2. | Type of hospital: State.   |  |     |     |   |        |        |             |    |
| 3. | Hospital plant:  |  |     |     |   |        |        |             |    |
|    | Value of hospital property:  |  |     |     |   |        |        |             |    |
|    | Real estate, including buildings . . . . .   |  |     |     |   |        |        | \$2,490,486 | 43 |
|    | Personal property . . . . .  |  |     |     |   |        |        | 547,063     | 85 |
|    | Total . . . . .  |  |     |     |   |        |        | \$3,037,550 | 28 |
|    | Total acreage of hospital property owned, 894.   |  |     |     |   |        |        |             |    |
|    | Additional acreage rented, 380.  |  |     |     |   |        |        |             |    |
|    | Total acreage under cultivation during previous year, 360.   |  |     |     |   |        |        |             |    |
| 4. | Officers and employees (November 30, 1933):  |  |     |     |   |        |        |             |    |
|    |  | Actually in Service at<br>End of Year. |     |     | Vacancies at End<br>of Year.                |        |        |             |    |
|    |  | M.                                     | F.  | T.  | M.  | F.     | T.     |             |    |
|    | Superintendents . . . . .  | 1                                      | —   | 1   | —   | —      | —      |             |    |
|    | Assistant physicians . . . . .   | 11                                     | 2   | 13  | —   | —      | —      |             |    |
|    | Medical internes . . . . .   | —                                      | —   | —   | —   | —      | —      |             |    |
|    | Clinical assistants . . . . .  | —                                      | —   | —   | —   | —      | —      |             |    |
|    | Total physicians . . . . .   | 12                                     | 2   | 14  | —   | —      | —      |             |    |
|    | Stewards . . . . .   | 1                                      | —   | 1   | —   | —      | —      |             |    |
|    | Resident dentists . . . . .  | 1                                      | —   | 1   | —   | —      | —      |             |    |
|    | Pharmacists . . . . .  | —                                      | 1   | 1   | —   | —      | —      |             |    |
|    | Graduate nurses . . . . .  | 2                                      | 32  | 34  | —   | —      | —      |             |    |
|    | Other nurses and attendants . . . . .  | 65                                     | 157 | 222 | —   | —      | —      |             |    |
|    | Occupational therapists . . . . .  | 1                                      | 4   | 5   | —   | 4      | 4      |             |    |
|    | Social workers . . . . .   | —                                      | —   | —   | —   | —      | —      |             |    |
|    | All other officers and employees . . . . .   | 147                                    | 86  | 233 | 1   | 2      | 3      |             |    |
|    | Total officers and employees . . . . .   | 229                                    | 282 | 511 | 1   | 6      | 7      |             |    |
| 5. | Census of patient population at end of year (September 30, 1933):  |  |     |     |   |        |        |             |    |
|    |  | Actually in Hospital.                  |     |     | Absent from Hospital<br>but Still on Books. |        |        |             |    |
|    |  | M.                                     | F.  | T.  | M.  | F.     | T.     |             |    |
|    | White:   |  |     |     |   |        |        |             |    |
|    | Insane . . . . .   | 110                                    | 464 | 574 | 6   | 2      | 8      |             |    |
|    | Epileptics . . . . .   | —                                      | —   | —   | —   | —      | —      |             |    |
|    | Mental defectives . . . . .  | 4                                      | 9   | 13  | —   | —      | —      |             |    |
|    | Alcoholics . . . . .   | —                                      | —   | —   | —   | —      | —      |             |    |
|    | Drug addicts . . . . .   | —                                      | —   | —   | —   | —      | —      |             |    |
|    | Neurosyphilitics (without psychosis) . . . . .   | —                                      | —   | —   | —   | —      | —      |             |    |
|    | All other cases . . . . .  | —                                      | —   | —   | —   | —      | —      |             |    |
|    | Total . . . . .  | 114                                    | 473 | 587 | 6   | 2      | 8      |             |    |
|    | Other Races:   |  |     |     |   |        |        |             |    |
|    | Insane . . . . .   | 3                                      | 15  | 18  | —   | —      | —      |             |    |
|    | Epileptics . . . . .   | —                                      | —   | —   | —   | —      | —      |             |    |
|    | Mental defectives . . . . .  | —                                      | —   | —   | —   | —      | —      |             |    |
|    | Alcoholics . . . . .   | —                                      | —   | —   | —   | —      | —      |             |    |
|    | Drug addicts . . . . .   | —                                      | —   | —   | —   | —      | —      |             |    |
|    | Neurosyphilitics (without psychosis) . . . . .   | —                                      | —   | —   | —   | —      | —      |             |    |
|    | All other cases . . . . .  | —                                      | —   | —   | —   | —      | —      |             |    |
|    | Total . . . . .  | 3                                      | 15  | 18  | —   | —      | —      |             |    |
|    | Grand Total . . . . .  | 117                                    | 488 | 605 | 6   | 2      | 8      |             |    |
| 6. | Patients under treatment in occupational-therapy classes, including physical training, on date of report . . . . . |  |     |     | M.  | F.     | T.     |             |    |
| 7. | Other patients employed in general work of hospital on date of report . . . . .                                    |  |     |     | 76  | 219    | 295    |             |    |
| 8. | Average daily number of all patients actually in hospital during year . . . . .                                    |  |     |     | 130.62                                      | 505.16 | 635.78 |             |    |

TABLE 2. — *Financial Statement*

See Financial Report for data requested under this table.

M. — Male. F. — Female. T. — Total.



Note: — The following Tables 3 to 18, inclusive, are for the year ending September 30, 1933.

TABLE 3. — *Movement of Insane Patient Population*

|   | Regular Court Com-<br>mitment (Insane) |     |     | Total on Books |     |     |
|---|--|-----|-----|----------------|-----|-----|
|   | M                                      | F   | T   | M              | F   | T   |
| 1. Patients on books of institution September 30, 1932                        | 141                                    | 522 | 663 | 141            | 522 | 663 |
| 2. Admissions during year:  |  |     |     |                |     |     |
| First admissions  | —                                      | —   | —   | —              | —   | —   |
| Readmissions  | —                                      | —   | —   | —              | —   | —   |
| Transfers from other hospitals for mental dis-<br>eases                       | —                                      | 1   | 1   | —              | 1   | 1   |
| 3. Total received during year   | —                                      | 1   | 1   | —              | 1   | 1   |
| 4. Total on books during year   | 141                                    | 523 | 664 | 141            | 523 | 664 |
| 5. Discharged from books during year:   |  |     |     |                |     |     |
| As recovered  | —                                      | —   | —   | —              | —   | —   |
| As improved   | 1                                      | 3   | 4   | 1              | 3   | 4   |
| As unimproved   | 2                                      | —   | 2   | 2              | —   | 2   |
| As without psychosis  | —                                      | —   | —   | —              | —   | —   |
| Transferred to other hospitals for mental dis-<br>eases                       | 1                                      | 4   | 5   | 1              | 4   | 5   |
| Died during year  | 14                                     | 26  | 40  | 14             | 26  | 40  |
| 6. Total discharged, transferred and died during year                         | 18                                     | 33  | 51  | 18             | 33  | 51  |
| 7. Insane patients remaining on books of hospital<br>at end of hospital year: |  |     |     |                |     |     |
| In hospital   | 117                                    | 488 | 605 | 117            | 488 | 605 |
| On parole or otherwise absent   | 6                                      | 2   | 8   | 6              | 2   | 8   |
| Total   | 123                                    | 490 | 613 | 123            | 490 | 613 |

TABLES 4-14 are omitted as, in accordance with the administrative policy, no patients were committed to this department. The succeeding tables, however, will continue to be numbered 15-19 for the sake of uniformity in the Department of Statistics of The National Committee for Mental Hygiene.

TABLE 15. — *Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge*

| Psychoses              | Total |   |   | Recovered |   |   | Improved |   |   | Unimproved |   |   |
|------------------------|-------|---|---|-----------|---|---|----------|---|---|------------|---|---|
|                        | M     | F | T | M         | F | T | M        | F | T | M          | F | T |
| With cerebral syphilis | 1     | — | 1 | —         | — | — | —        | — | — | 1          | — | 1 |
| Alcoholic              | 1     | — | 1 | —         | — | — | 1        | — | 1 | —          | — | — |
| Manic-depressive       | —     | 2 | 2 | —         | — | — | —        | 2 | 2 | —          | — | — |
| Dementia praecox       | 1     | — | 1 | —         | — | — | —        | — | — | 1          | — | 1 |
| With mental deficiency | —     | 1 | 1 | —         | — | — | —        | 1 | 1 | —          | — | — |
| Total                  | 3     | 3 | 6 | —         | — | — | 1        | 3 | 4 | 2          | — | 2 |

TABLE 15a. — *Hospital Residence During This Admission of First Court Admissions Discharged During 1933*

| Psychoses              | Number |   |   | Average Net Hospital<br>Residence in Years |      |      |
|------------------------|--------|---|---|--|------|------|
|                        | M      | F | T | M  | F    | T    |
| With cerebral syphilis | 1      | — | 1 | .5   | —    | .5   |
| Alcoholic              | 1      | — | 1 | 10.0                                       | —    | 10.0 |
| Manic-depressive       | —      | 1 | 1 | —  | 1.5  | 1.5  |
| Dementia praecox       | 1      | — | 1 | 1.0  | —    | 1.0  |
| With mental deficiency | —      | 1 | 1 | —  | 2.5  | 2.5  |
| Total                  | 3      | 2 | 5 | 3.83                                       | 2.00 | 3.10 |

TABLE 16. — *Causes of Death of Patients Classified with Reference to Principal Psychoses*

| Causes of Death                        | Total    | Senile | With cerebral arterio-sclerosis | Alcoholic | Manic-depressive | Dementia praecox | Epileptic psychoses | With mental deficiency | All other psychoses |
|--|----------|--------|---------------------------------|-----------|------------------|------------------|---------------------|------------------------|---------------------|
|  | M F T    | M F T  | M F T                           | M F T     | M F T            | M F T            | M F T               | M F T                  | M F T               |
| Tuberculosis of the respiratory system | 2 2 4    | ---    | ---                             | ---       | ---              | 1 - 1            | ---                 | 1 1 2                  | - 1 1               |
| Cancer and other malignant tumors      | 1 3 4    | ---    | ---                             | ---       | - 1 1            | 2 2              | 1 - 1               | ---                    | ---                 |
| Diabetes                               | 1 - 1    | ---    | ---                             | ---       | ---              | 1 - 1            | ---                 | ---                    | ---                 |
| Cerebral hemorrhage, apoplexy          | - 4 4    | - 1 1  | ---                             | ---       | ---              | 3 3              | ---                 | ---                    | ---                 |
| Other diseases of the nervous system   | - 1 1    | ---    | ---                             | ---       | ---              | ---              | ---                 | - 1 1                  | ---                 |
| Endocarditis and myocarditis           | 3 4 7    | - 1 1  | ---                             | ---       | - 1 1            | 1 2 3            | 1 - 1               | 1 - 1                  | ---                 |
| Arteriosclerosis                       | 6 7 13   | 1 2 3  | 2 1 3                           | 2 - 2     | ---              | 1 4 5            | ---                 | ---                    | ---                 |
| Lobar pneumonia                        | - 2 2    | ---    | ---                             | 2 2       | ---              | ---              | ---                 | ---                    | ---                 |
| Hernia and intestinal obstruction      | 1 - 1    | 1 - 1  | ---                             | ---       | ---              | ---              | ---                 | ---                    | ---                 |
| Nephritis                              | - 2 2    | ---    | ---                             | ---       | ---              | 2 2              | ---                 | ---                    | ---                 |
| Accidental traumatism                  | - 1 1    | - 1 1  | ---                             | ---       | ---              | ---              | ---                 | ---                    | ---                 |
| Total                                  | 14 26 40 | 2 5 7  | 2 1 3                           | 2 2 4     | - 2 2            | 4 13 17          | 2 - 2               | 2 2 4                  | - 1 1               |

TABLE 17. — *Age of Patients at time of Death Classified with Reference to Principal Psychoses*

| Psychoses                      | Total    | 30-34 Years | 35-39 Years | 40-44 Years | 45-49 Years | 50-54 Years | 60-64 Years | 65-69 Years | 70 and over |
|--------------------------------|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                                | M F T    | M F T       | M F T       | M F T       | M F T       | M F T       | M F T       | M F T       | M F T       |
| Senile                         | 2 5 7    | ---         | ---         | ---         | ---         | ---         | ---         | - 1 1       | 2 4 6       |
| With cerebral arteriosclerosis | 2 1 3    | ---         | ---         | ---         | ---         | ---         | ---         | 1 - 1       | 1 1 2       |
| Alcoholic                      | 2 2 4    | ---         | ---         | ---         | 1 - 1       | ---         | ---         | 1 1 2       | - 1 1       |
| With other somatic diseases    | - 1 1    | ---         | - 1 1       | ---         | ---         | ---         | ---         | ---         | ---         |
| Manic-depressive               | - 2 2    | ---         | ---         | ---         | ---         | ---         | ---         | ---         | - 2 2       |
| Dementia praecox               | 4 13 17  | ---         | ---         | - 1 1       | 1 1 2       | ---         | 1 1 2       | - 3 3       | 2 7 9       |
| Epileptic psychoses            | 2 - 2    | ---         | ---         | ---         | ---         | ---         | ---         | 1 - 1       | 1 - 1       |
| With mental deficiency         | 2 2 4    | 1 - 1       | ---         | ---         | - 1 1       | - 1 1       | ---         | 1 - 1       | ---         |
| Total                          | 14 26 40 | 1 - 1       | - 1 1       | - 1 1       | 2 2 4       | - 1 1       | 1 1 2       | 4 5 9       | 6 15 21     |

TABLE 18. — *Total Duration of Hospital Life of Patients Dying in Hospital Classified According to Principal Psychoses*

| Psychoses                      | Total    | 1-2 Years | 3-4 Years | 5-6 Years | 7-8 Years | 11-12 Years | 15-19 Years | 20 Years and over |
|--------------------------------|----------|-----------|-----------|-----------|-----------|-------------|-------------|-------------------|
|                                | M F T    | M F T     | M F T     | M F T     | M F T     | M F T       | M F T       | M F T             |
| Senile                         | 2 5 7    | - 1 1     | 1 - 1     | - 2 2     | - 1 1     | ---         | 1 - 1       | - 1 1             |
| With cerebral arteriosclerosis | 2 1 3    | 1 1 2     | 1 - 1     | ---       | ---       | ---         | ---         | ---               |
| Alcoholic                      | 2 2 4    | ---       | ---       | ---       | 1 1 2     | ---         | ---         | 1 1 2             |
| With other somatic diseases    | - 1 1    | ---       | - 1 1     | ---       | ---       | ---         | ---         | ---               |
| Manic-depressive               | - 2 2    | ---       | ---       | ---       | ---       | ---         | - 1 1       | - 1 1             |
| Dementia praecox               | 4 13 17  | ---       | ---       | ---       | ---       | 1 - 1       | 1 1 2       | 2 12 14           |
| Epileptic psychoses            | 2 - 2    | ---       | 1 - 1     | ---       | ---       | ---         | ---         | 1 - 1             |
| With mental deficiency         | 2 2 4    | ---       | ---       | ---       | 1 - 1     | ---         | ---         | 1 2 3             |
| Total                          | 14 26 40 | 1 2 3     | 3 1 4     | - 2 2     | 2 2 4     | 1 - 1       | 2 2 4       | 5 17 22           |

TABLE 19. — *Average Length of Hospital Stay During the Present Admission of All Cases in Residence on September 30, 1933*

| Psychoses   | Number |     |     | Average Length of Residence in Years |       |       |
|---|--------|-----|-----|--------------------------------------|-------|-------|
|   | M      | F   | T   | M                                    | F     | T     |
| Traumatic . . . . .                               | 1      | —   | 1   | 12.5                                 | —     | 12.5  |
| Senile . . . . .                                  | 6      | 8   | 14  | 7.83                                 | 9.37  | 8.71  |
| With cerebral arteriosclerosis . . . . .          | 13     | 11  | 24  | 4.26                                 | 5.04  | 4.62  |
| General paralysis . . . . .                       | 4      | 3   | 7   | 7.50                                 | 5.83  | 6.78  |
| With cerebral syphilis . . . . .                  | 2      | 2   | 4   | 8.00                                 | 15.00 | 11.50 |
| With Huntington's chorea . . . . .                | 1      | —   | 1   | 3.50                                 | —     | 3.50  |
| With other brain or nervous diseases . . . . .    | 4      | 5   | 9   | 8.75                                 | 5.90  | 7.16  |
| Alcoholic . . . . .                               | 14     | 13  | 27  | 11.92                                | 20.19 | 15.90 |
| Due to drugs and other exogenous toxins . . . . . | —      | 1   | 1   | —                                    | 7.50  | 7.50  |
| With pellagra . . . . .                           | —      | 1   | 1   | —                                    | 7.50  | 7.50  |
| With other somatic diseases . . . . .             | —      | 2   | 2   | —                                    | 12.50 | 12.50 |
| Manic-depressive . . . . .                        | 2      | 18  | 20  | 7.50                                 | 13.30 | 12.72 |
| Involution melancholia . . . . .                  | 2      | 3   | 5   | 4.50                                 | 19.16 | 13.30 |
| Dementia praecox . . . . .                        | 48     | 314 | 362 | 18.04                                | 17.07 | 17.20 |
| Paranois and paranoid conditions . . . . .        | 6      | 7   | 13  | 4.66                                 | 8.92  | 6.96  |
| Epileptic psychoses . . . . .                     | 5      | 5   | 10  | 6.50                                 | 17.50 | 12.00 |
| With psychopathic personality . . . . .           | —      | 1   | 1   | —                                    | 17.50 | 17.50 |
| With mental deficiency . . . . .                  | 5      | 85  | 90  | 7.10                                 | 15.47 | 15.01 |
| Without psychoses . . . . .                       | 4      | 9   | 13  | 15.00                                | 12.05 | 12.96 |
| Total . . . . .                                   | 117    | 498 | 605 | 12.07                                | 15.90 | 15.16 |